

Statewide Interoperability Executive Committee (SIEC)

Region 3 700 MHz Regional Plan

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Background

- National Public Safety Telecommunications Council (NPSTC) was requested to reexamine the Channel Naming Recommendations of the National Coordination Committee (NCC) in November of 2006
- Common Naming Task Group was formed and developed a report, solicited and evaluated comments and developed final draft recommendations for adoption in June of 2009
- The Standard Channel Nomenclature document has been submitted to Association of Public-Safety Communications Officials-International (APCO) to complete the ANSI certification process – a requirement of the DHS National Emergency Communications Plan (NECP)



700 MHz Spectrum Revision

- Consolidates the former split blocks of 700 MHz channels
- Changes the frequency information
 - **FROM:** The FCC Channel Number format in the NCC and previous NPSTC versions
 - **TO:** Discrete 700 MHz frequencies, listing 12.5 kHz channels to facilitate the use of the Project 25 Phase 1 Common Air Interface
- Contains recommendations and requirements for Standardized Tone Squelch, Network Access Codes and Subscriber Radio Programming of Interoperability Channels



Standard Naming Format

Btype##M

B = Spectrum Band = 7 (700 MHz Public Safety Narrowband Voice Band (769-775 / 799-805 MHz))

Type = Channel Use Designator = three or four-place tag signifying the primary purpose of operations on the channel, eg. CALL, FIRE, LAW*

= Unique Channel Identifies = numeric one or two place tag = 50-89 for 700 MHz

M = Modifier = D for Direct or “Talk around” use (Simplex operations)

*Short Form names not applicable to the 700 MHz Band since equipment for this band is new



Examples

FREQ / FCC CHANNEL (SUBSCRIBER LOAD)		BASE,MOBILE, OR FIXED (REPEATER OR CONTROL)	ELIGIBILITY / PRIMARY USE	Original NCC Name	COMMON NAME
RECEIVE					
CHANNEL	CHANNEL	FCC 700 MHz Public Safety Band (12.5 kHz Channels)			
769.14375	799.14375	Mobile-Fixed	General Public Safety Service (secondary trunked)	7TAC58	7TAC51
	SIMPLEX	Base-Fixed-Mobile			7TAC51D
769.24375	799.24375	Mobile-Fixed	Calling Channel	7CAL59	7CALL50
	SIMPLEX	Base-Fixed-Mobile			7CALL50D
769.39375	799.39375	Mobile-Fixed	EMS	7MED60	7MED65
	SIMPLEX	Base-Fixed-Mobile			7MED65D
769.49375	799.49375	Mobile-Fixed	EMS	7EMS61	7MED66
	SIMPLEX	Base-Fixed-Mobile			7MED66D
770.14375	800.14375	Mobile-Fixed	General Public Safety Service (secondary trunked)	7TAC66	7TAC53
	SIMPLEX	Base-Fixed-Mobile			7TAC53D
770.24375	800.24375	Mobile-Fixed	General Public Safety Service	7TAC67	7TAC56
	SIMPLEX	Base-Fixed-Mobile			7TAC56D
770.39375	800.39375	Mobile-Fixed	Law Enforcement	7LAW68	7LAW61
	SIMPLEX	Base-Fixed-Mobile			7LAW61D

Proposed adoption of the NCC / NPSTC
Standard Channel Nomenclature and
recommended operational and technical
parameters for use of the 700 MHz public
safety band

(Discussion limited to the 700 MHz portion)

Next Steps

